

## Subject index of volume 15

- Ad hoc network 193  
Adaptive adversary 127  
Adaptive algorithms 67, 177  
Anonymous networks 137  
Approximation algorithm 193  
Asymmetric communication 207  
Asynchronous distributed protocols 127  
Asynchronous shared-memory systems 87  
Asynchronous systems 97  
Asynchrony 17  
Atomic broadcast 97  
Atomic commit 17  
Atomic snapshots 87  
Atomicity 127, 221  
Broadcast disk 207  
Broadcasting 27  
Causal logging 1  
Causality tracking 1  
Component technology reflection 109  
Consensus 17  
Consensus protocol 49  
Contention 67  
Contention-sensitive complexity 87  
Coterie 49  
Data replication 57  
Deterministic 27  
Distributed 27  
Distributed algorithms 155  
Distributed computing 193  
Dominating set 193  
Dynamic data structures 255  
Dynamic programming 57  
Failure detection 17  
Fault-tolerance 97, 127  
Graph fibrations 137  
Group communication 97  
Group mutual exclusion 155  
Immediate snapshots 87  
Local spinning 221  
Lockfree synchronization 255  
Long-lived 67  
Lower bound 17, 221  
MPLS 273  
Maintenance scheduling 207  
Maxima finding 49  
Memory management 255  
Message logging 1  
Message passing 155  
Middleware 109  
Mutual exclusion 67, 155, 221  
NP-completeness 57  
Optimization 57  
Orientation 39  
OSPF 273  
Perfectly periodic scheduling 207  
Point contention 177  
Quorum 49  
Radio network 27  
Randomized algorithms 127  
Randomized protocol 39  
Randomized scheduler 39  
Read/write operations 177  
Read/write registers 87  
Read/write shared memory 67  
Reconfiguration 109  
Reference counting 255  
Reliable broadcast 97  
Remote step complexity 177  
Renaming 67, 87  
Resource allocation 155  
Restoration 273  
Self-stabilization 39, 49, 137  
Semantics-aware primitives 97  
Shared memory 127, 221  
Shortest-path problem 273  
Symmetry breaking 127  
Synchronous systems 137  
System response time 177  
Test-and-set objects 127  
Time complexity 221  
Wait-free 67  
Wait-free algorithms 87  
Wait-free read/write registers 127